

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

**Complete if Known**

Application Number	N/A
Filing Date	12/05/2003
First Named Inventor	Roger Thomas
Art Unit	N/A
Examiner Name	N/A
Attorney Docket Number	P-US-PR 1106

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	1	US-6,224,471 B1	05/01/2001	Clowers, et al.	
	2	US- 5,934,985	08/10/1999	Clowers, et al.	
	3	US- 5,815,934	10/06/1998	Eichberger, et al.	
	4	US- 5,518,442	05/21/1996	Clowers, et al.	
	5	US- 5,463,816	11/07/1995	Bellew, et al.	
	6	US- 5,383,275	01/24/1995	Hild, et al.	
	7	US- 5,349,752	09/27/1994	Stirm	
	8	US- 5,237,781	08/24/1993	Demetrius	
	9	US- 5,419,737	05/30/1995	Brazell, et al. (Ryobi)	
	10	US- 4,601,104	07/22/1986	Zaiser, et al.	
	11	US- 4,967,516	11/06/1990	Hoshino, et al. (Ryobi)	
	12	US- 5,595,531	01/21/1997	Niemela, et al. (Ryobi)	
	13	US- 3,938,283	02/17/1976	Keith, Jr.	
	14	US- 3,583,821	06/08/1971	Shaub, et al.	
	15	US- 2,871,897	02/03/1959	A. Hesse, et al.	
	16	US- 2,707,527	05/03/1955	G.A. Brace	
	17	US- 2,707,028	04/26/1955	R.B. Burton	
	18	US- 1,792,313	02/10/1931	J.T. La Measure, et al.	
	19	US- 6,256,832 B1	07/10/2001	DYSON	
	20	US- 2002/0174774 A1	11/28/2002	CHEN	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
	1	WO 95/34238	12/21/95	Svaneborg		
	2	GB 2,343,393	05/10/00	Keusch, et al. (BOSCH)		
	3	JP 2002 326160 A	11/12/02	Takahashi		
	4	DE 31 13496 A1	10/21/82	Geis		
	5	DE 31 26511 A1	03/10/83	Buschbaum		
	6	DE 198 51 064 A1	06/10/99	Makita		

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 2

**Complete if Known**

Application Number	N/A
Filing Date	12/05/2003
First Named Inventor	Roger Thomas
Art Unit	N/A
Examiner Name	N/A
Attorney Docket Number	P-US-PR 1106

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date, MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	21	US- 6,159,085	12/12/2000	Hara (Makita)	
	22	US- 5,974,626	11/02/1999	Wood	
	23	US- 5,833,524	11/10/1998	Satoh, et al. (Ryobi)	
	24	US- 5,341,605	08/30/1994	Tasikas	
	25	US- 4,758,023	07/19/1988	Vermillion (Singer)	
	26	US- 4,598,500	07/08/1986	Faraudo, et al.	
	27	US- 4,334,390	06/15/1982	Sumerau (singer)	
	28	US- 4,192,104	03/11/1980	Patenaude	
	29	US- 4,118,897	10/10/1978	Martin	
	30	US- 3,902,284	09/02/1975	Hestily (singer)	
	31	US- 3,566,548	03/02/1971	Beckering, et al.	
	32	US- 3,535,829	10/27/1970	Dudek	
	33	US- 3,180,063	04/27/1965	Burrows, et al.	
	34	US- 2,991,595	07/11/1961	Addis	
	35	US- 6,514,131	02/04/2003	Reich, et al. (BOSCH)	
	36	US- 5,878,607	03/09/1999	Nunes, et al. (J&J)	
		US-			
		US-			
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date, MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				

Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.